

## (57) ABSTRACT

The objective of the present invention is to provide a virtual radio access network access server (RNAS) which is able to operate as an interworking unit between the base stations and other radio access elements as well as core network. Specifically, unlike according to the present scenario of the radio access network in which the functionalities of RNC and BSC have been implemented in the separate elements thus significantly increasing the number of network elements that has to be logically connected to the core network and/or to other radio access networks, the present invention is designed to reduce the amount of said elements.

**(FIG. 4)**